

MATHS LECTURE SCHEDULE & SEQUENCE : Gladiator Batch 2.0 for JEE 2022

S.No.	Topic	No. of lecture
1.	Compound Angle	9
2.	Quadratic Equation	6
3.	Sets Theory	2
4.	Relation and Function	13
5.	Inverse Trigonometric function	7
6.	Limit	7
7.	Continuity	3
8.	Differentiability	3
9.	Method Of Differentiation (MOD)	6
10.	Application Of Derivability (AOD)	10
11.	Determinant	7
12.	Matrix	7
13.	Indefinite Integration	8
14.	definite Integration	9
15.	Area Under the Curve	3
16.	Differential Equation	6
17.	Vector & 3D	12
18.	Binomial theorem	8
19.	Permutation & Combination	10
20.	Probability	7
21.	Complex numbers	9
22.	Straight line	9
23.	Circle	7
24.	Conic section	10
25.	Sequence & Series	10
26.	SOT & Trigonometric Equation	7
27.	Statistics	2
28.	Mathematical Reasoning & Mathematical Induction	3

PHYSICS LECTURE SCHEDULE & SEQUENCE : Gladiator Batch 2.0 for JEE 2022

S.No.	Topic	No. of lecture
1	Basic Mathematics	7
2	Kinematics	8
3	Newton's law of motion & Friction	10
4	Circular motion & Work, Power, Energy	7
5	Centre of mass, Momentum & Collision	6
6	Rotational Dynamics	9
7	Simple Harmonic Motion	4
8	Electrostatics	15
9	Gravitation	6
10	Current Electricity	15
11	Capacitance	8
12	Magnetic Effect of Current	11
13	Magnetism	5
14	Electromagnetic Induction	10
15	AC	4
16	Mechanical Waves	9
17	Geometrical Optics	15
18	Electromagnetic Waves	3

19	Wave Optics	8
20	Modern Physics	12
21	Semiconductor & Communication System	8
22	Sound waves	7
23	Thermal physics	14
24	Fluid	6
25	Properties of Matter	4
26	Errors in measurements & Instruments	3
27	Experiments & Instruments	2

PHYSICAL CHEMISTRY LECTURE SCHEDULE & SEQUENCE : Gladiator Course for JEE 2022

S.No.	Topic	No. of lecture
1.	Mole Concept	13
2.	Atomic Structure	14
3.	Chemical Kinetics	9
4.	Liquid Solution	9
5.	Thermodynamics and Thermochemistry	20
6.	Redox and equivalent concept	7
7.	Electrochemistry	14
8.	Solid State	9
9.	Gaseous State	10
10.	Chemical Equilibrium	6
11.	Ionic Equilibrium	15
12.	Surface Chemistry	6

Inorganic CHEMISTRY LECTURE SCHEDULE & SEQUENCE : Gladiator Course for JEE 2022

S.No.	Topic	No. of lecture
1.	General chemistry and periodic properties	8
2.	Chemical bonding	40
3.	Cordination compound	15
4.	Metallurgy	7
5.	S block elements	4
6.	Hydrogen and its compounds	4
7.	P-block	16
8.	d & f block	4
9.	Environmental Chemistry	4

ORGANIC CHEMISTRY LECTURE SCHEDULE & SEQUENCE : Gladiator Course for JEE 2022

S.No.	Topic	No. of lecture
1	IUPAC Naming	8
2	General Organic Chemistry	15
3	Isomerism	15
4	Hydrocarbon	15
5	Alkyl halide & Alcohol, Ether	15
6	Grignard Reagent	6
7	Oxidation & Reduction	3
8	Aldehyde, Ketone and Carboxylic acid	7
9	Carbene, Nitrene & Amines	6
10	Aromatic Chemistry	8
11	Biomolecules	10
12	Polymers	4
13	POC	8
14	Chemistry in everyday life	4